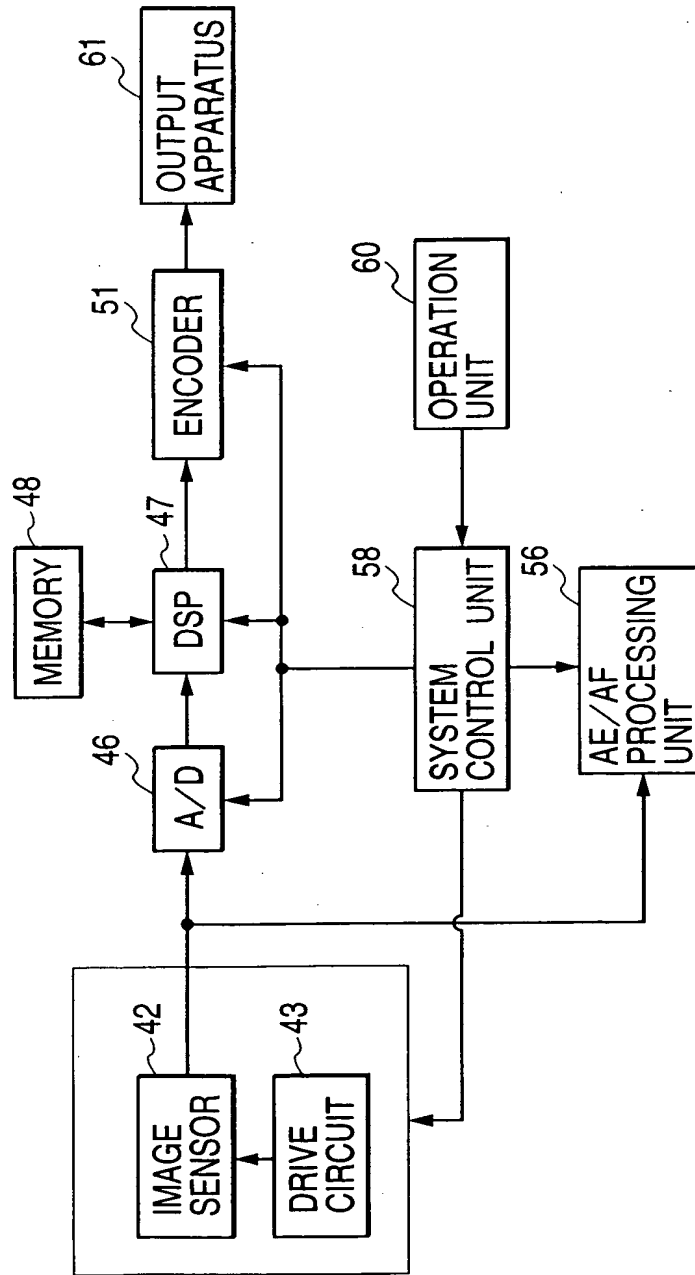
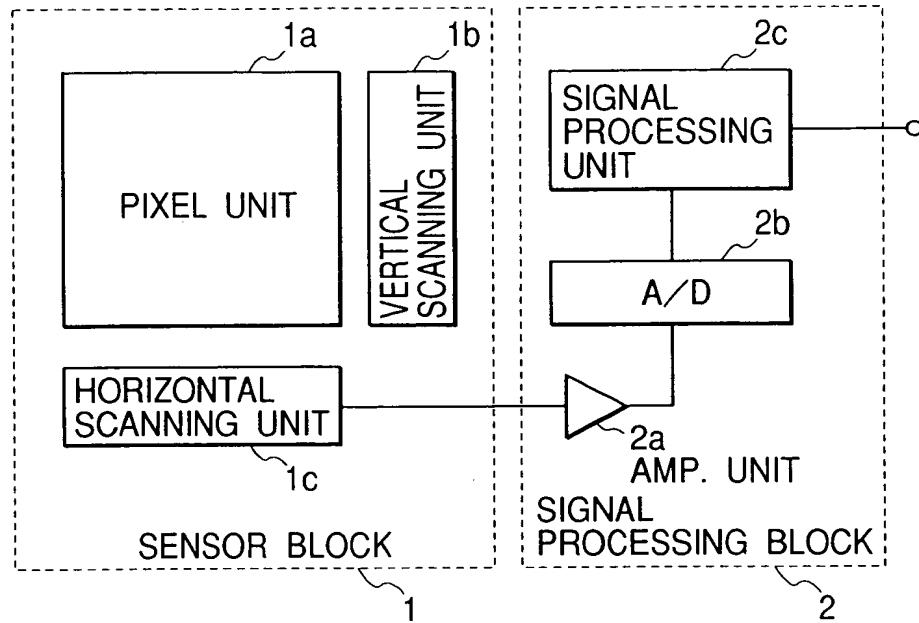
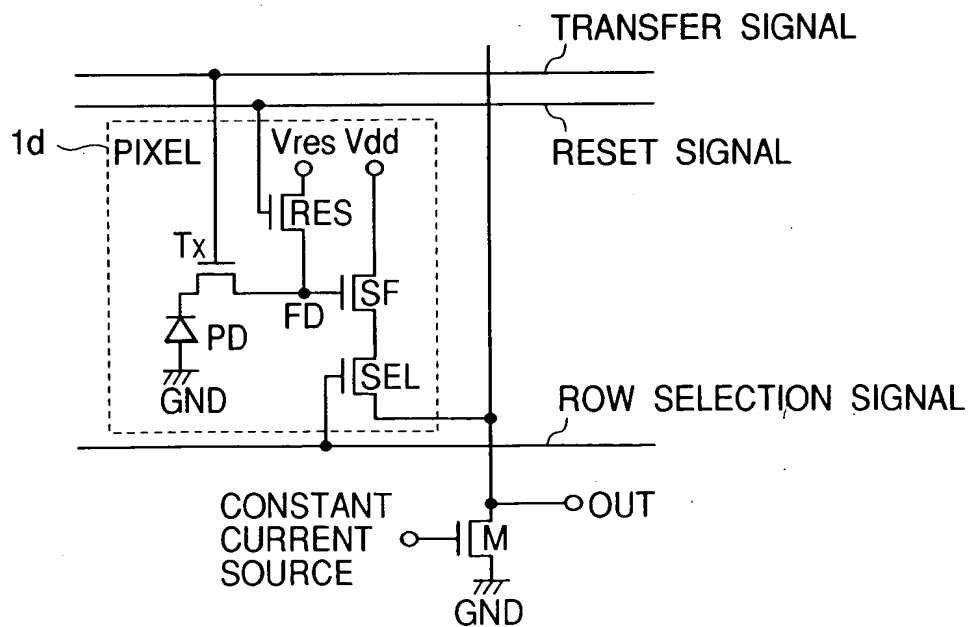
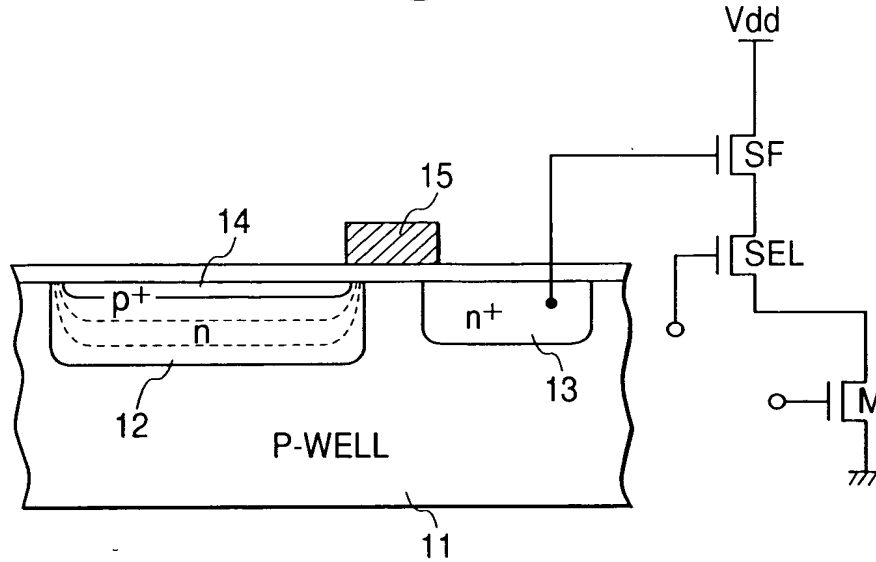


FIG. 1



**FIG. 2****FIG. 3**

**FIG. 4**



**FIG. 5**

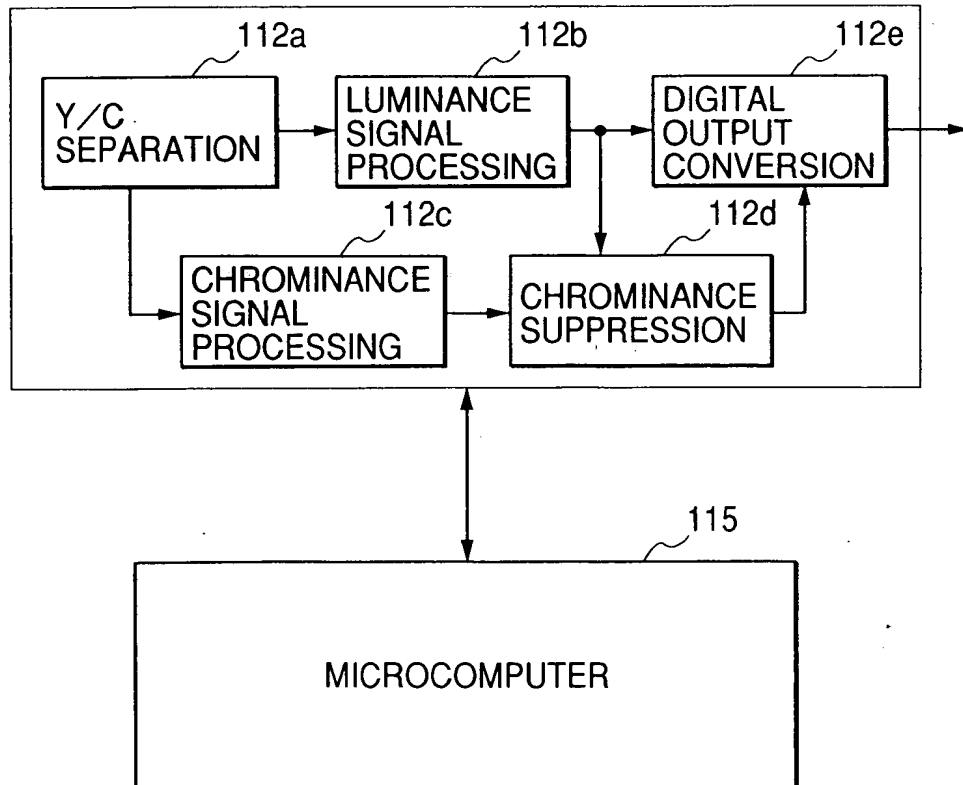


FIG. 6

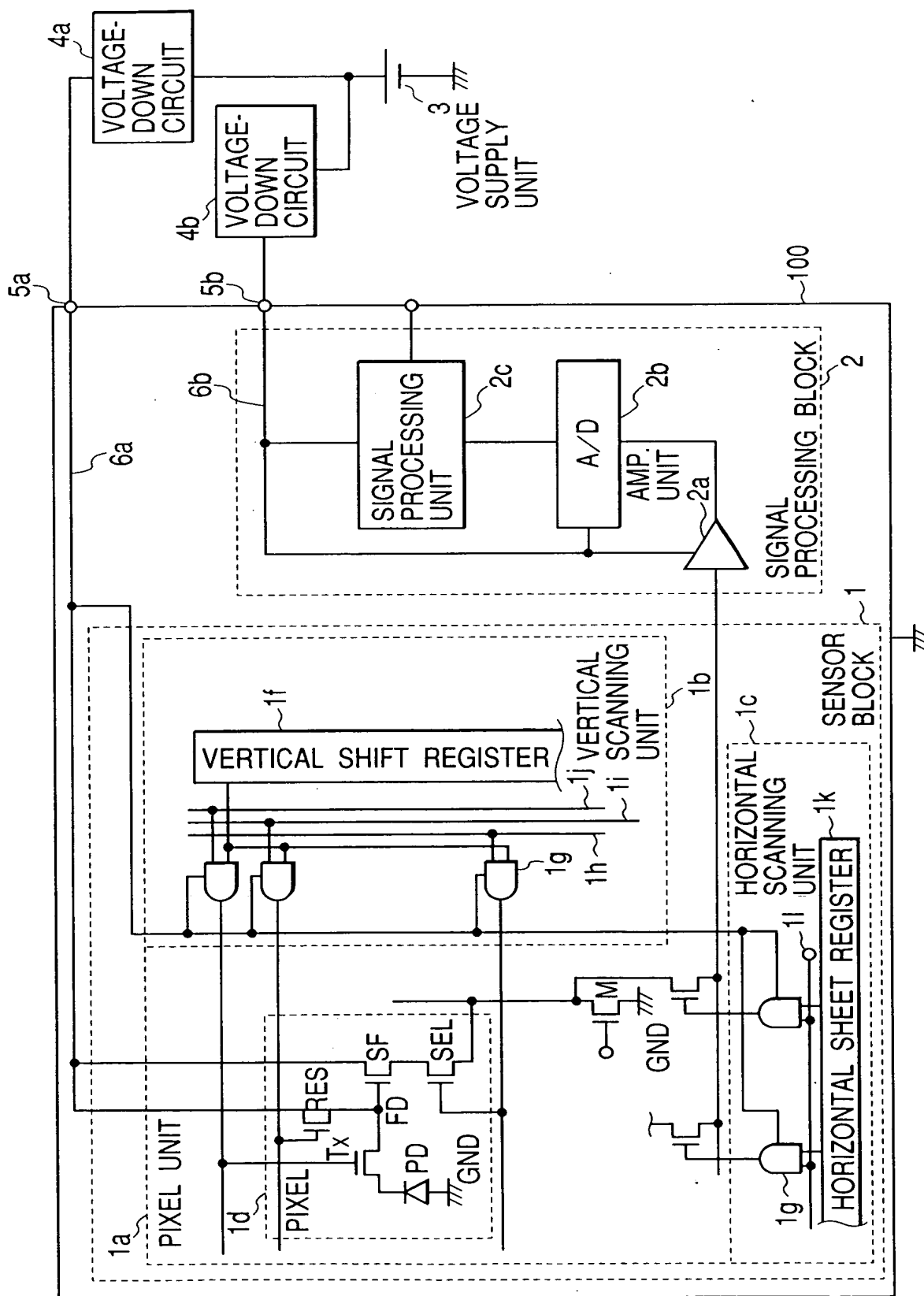
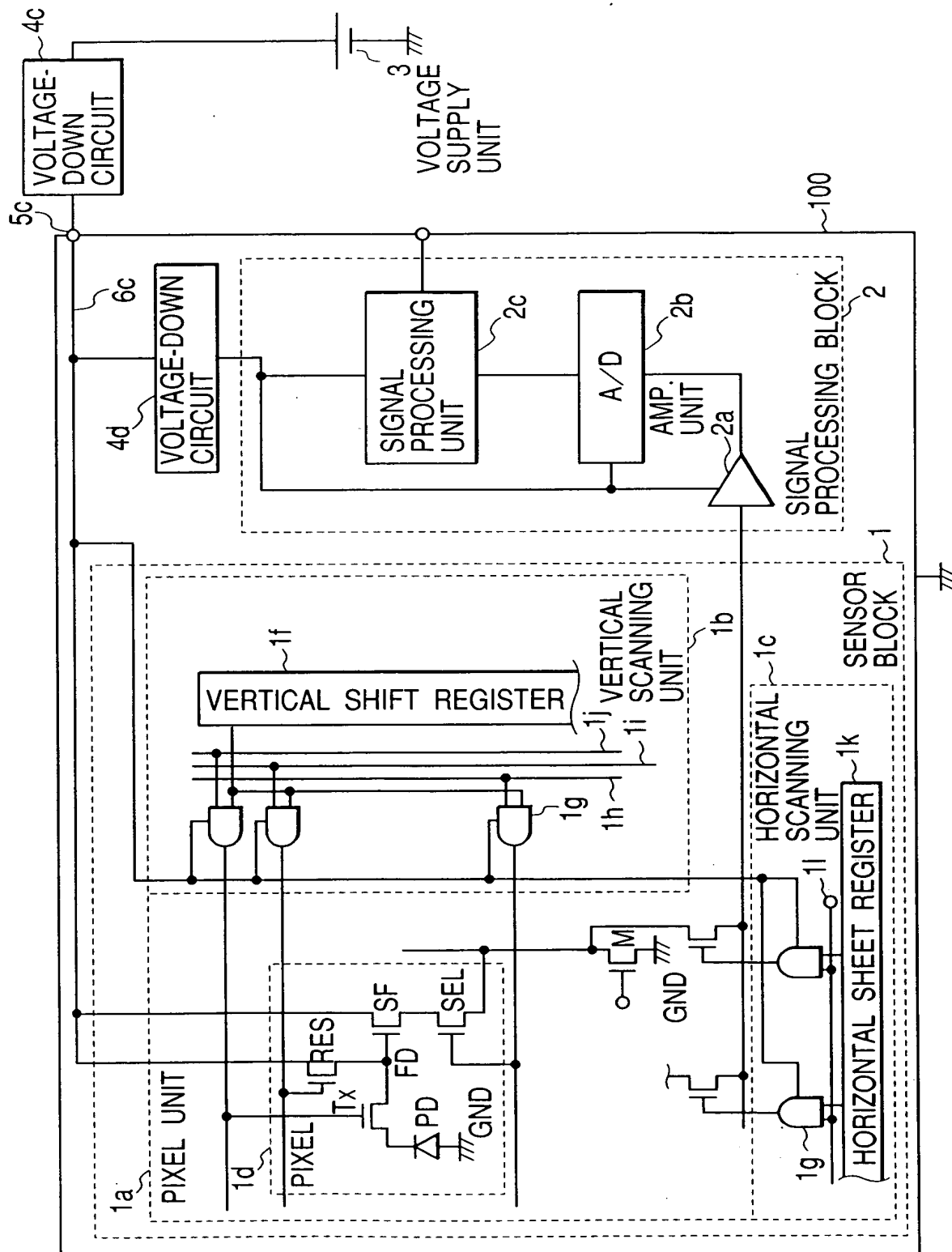


FIG. 7



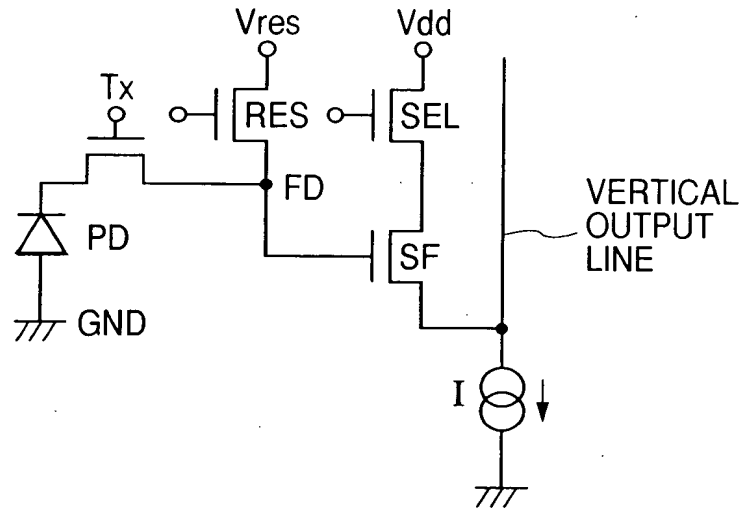
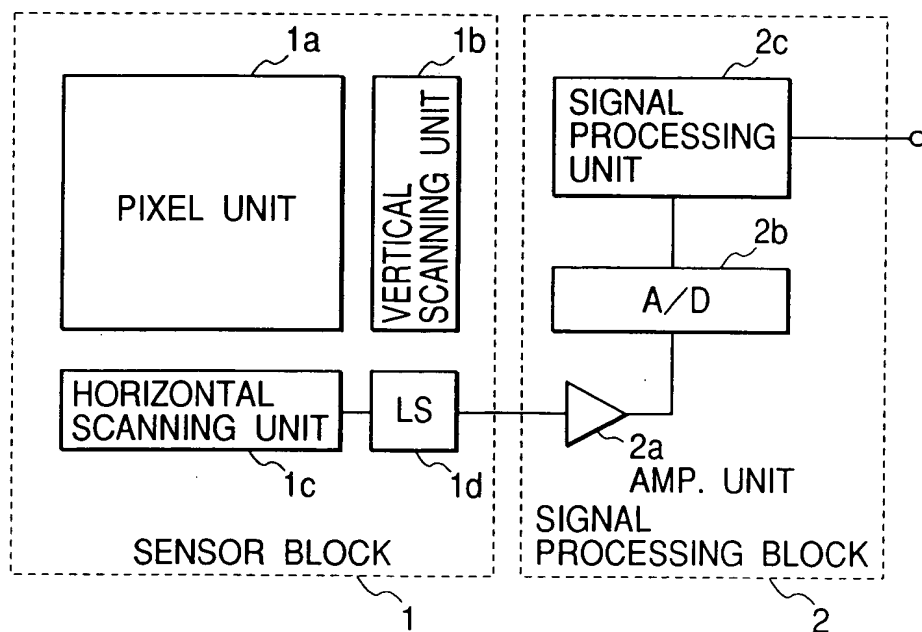
**FIG. 8****FIG. 12**

FIG. 9

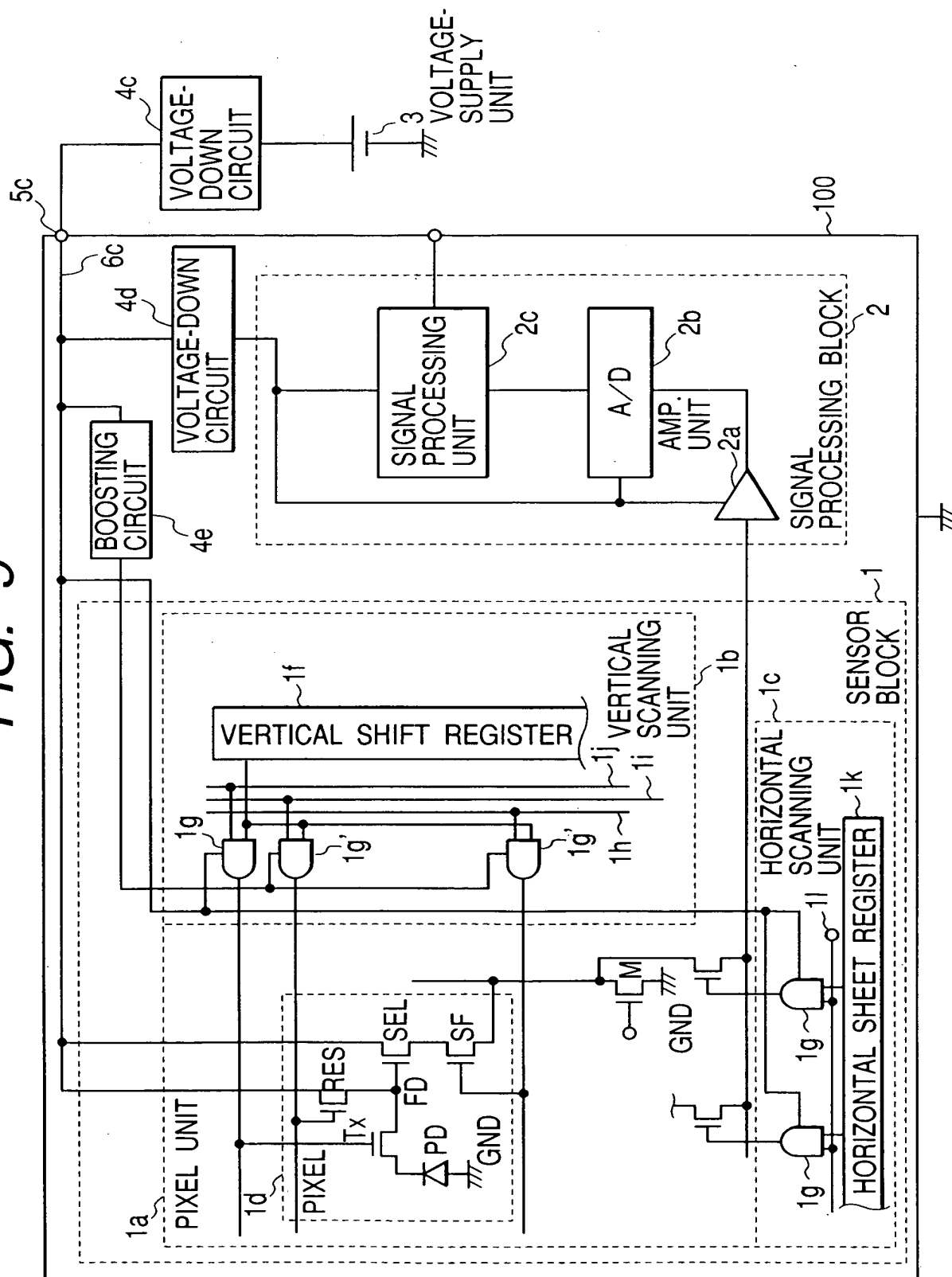


FIG. 10

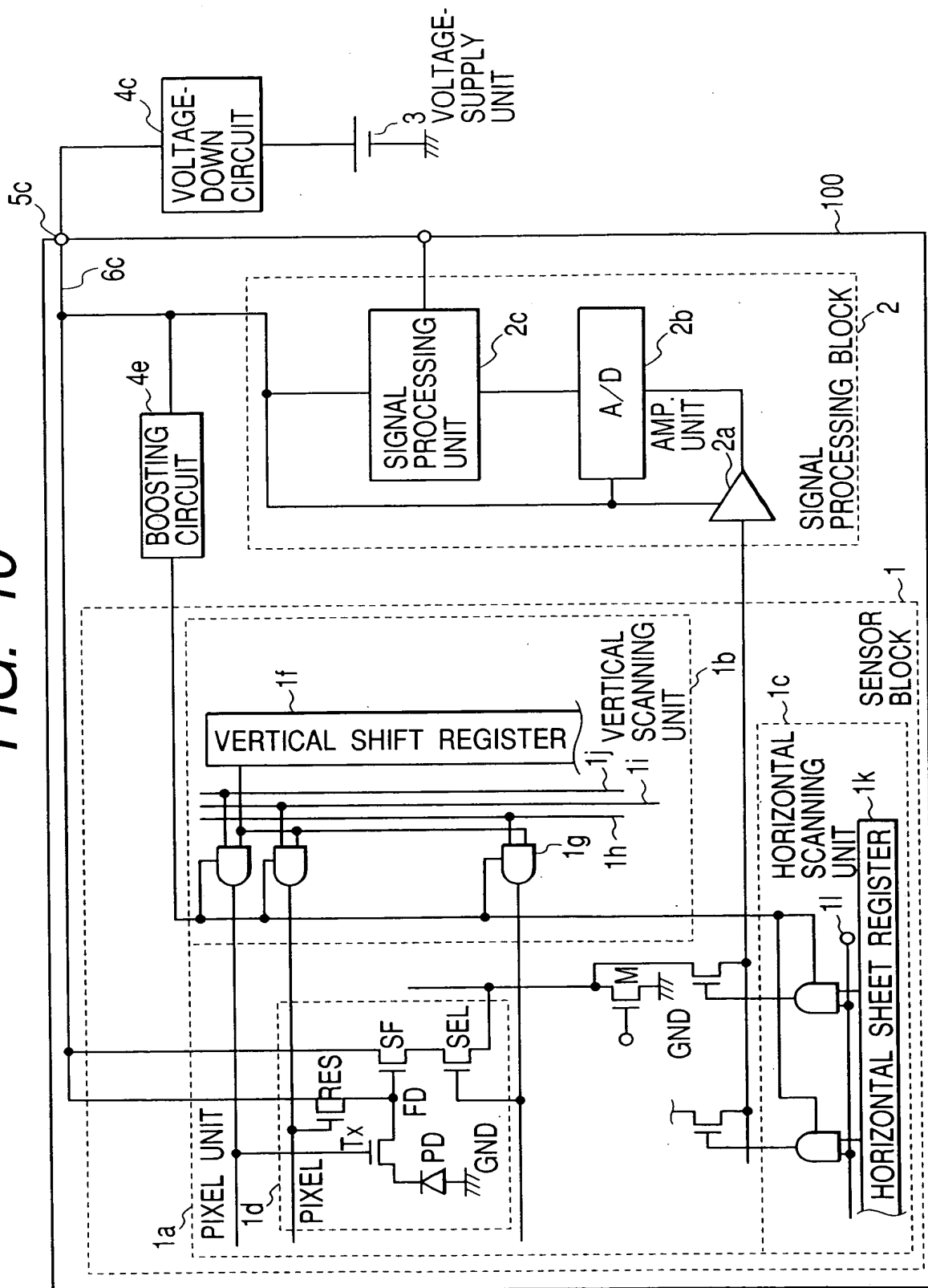
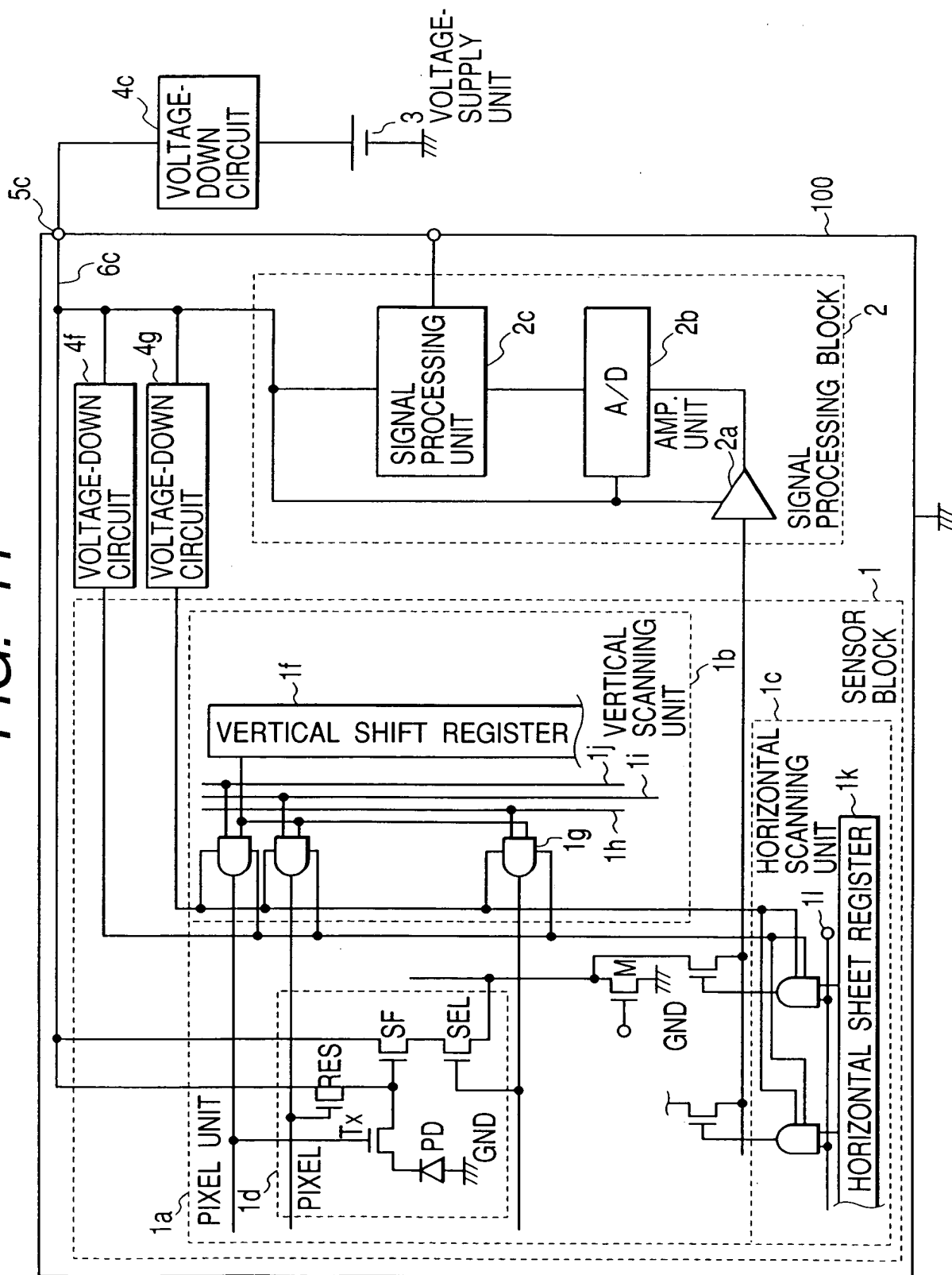
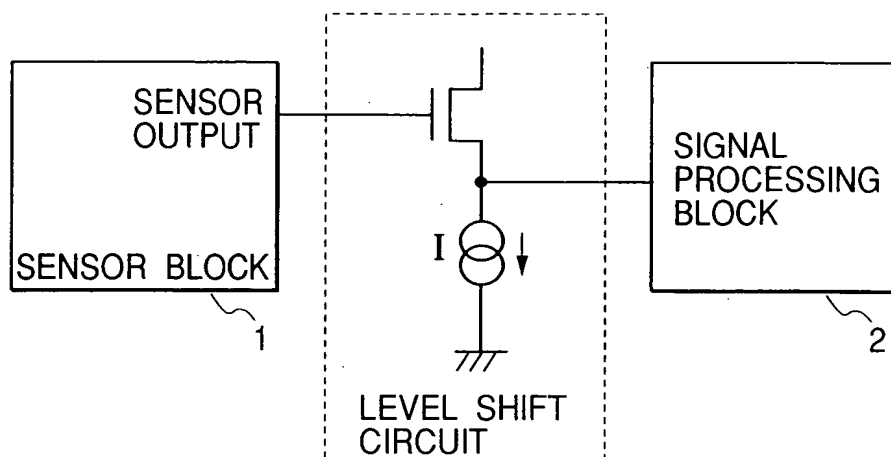




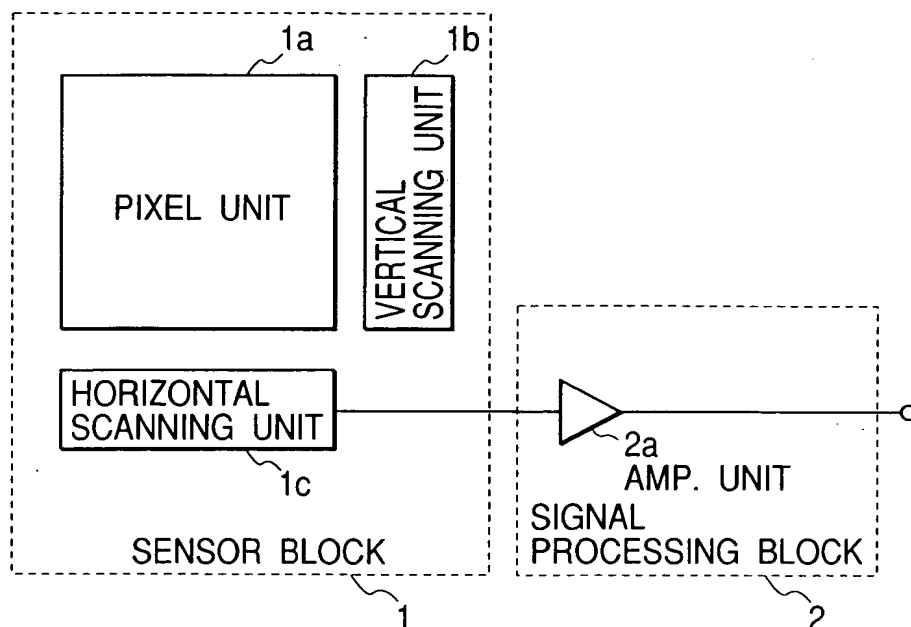
FIG. 11



**FIG. 13**



**FIG. 14**



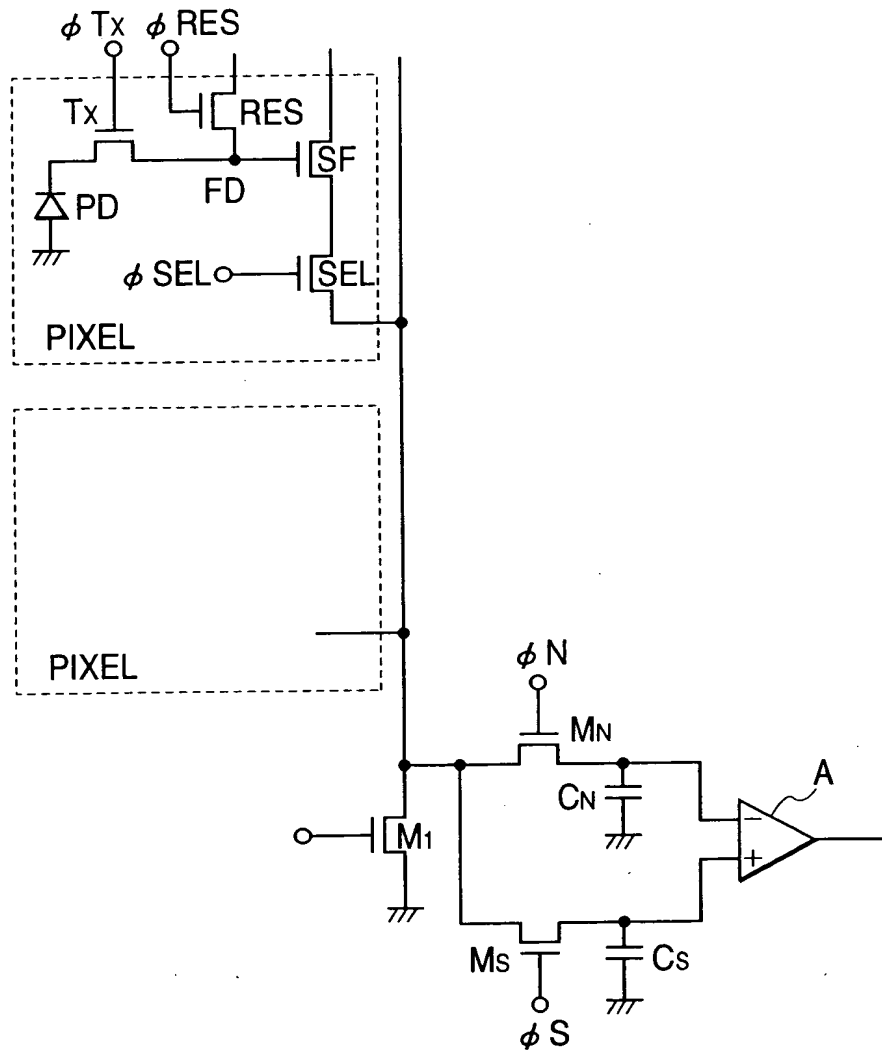
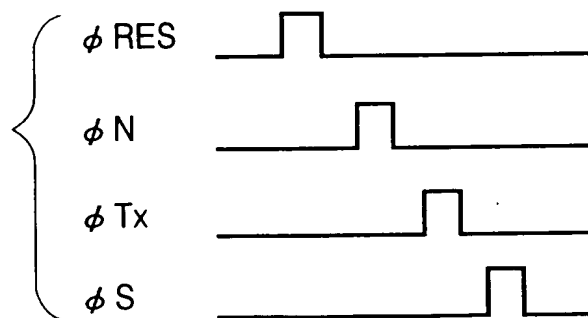
**FIG. 15****FIG. 16**

FIG. 17

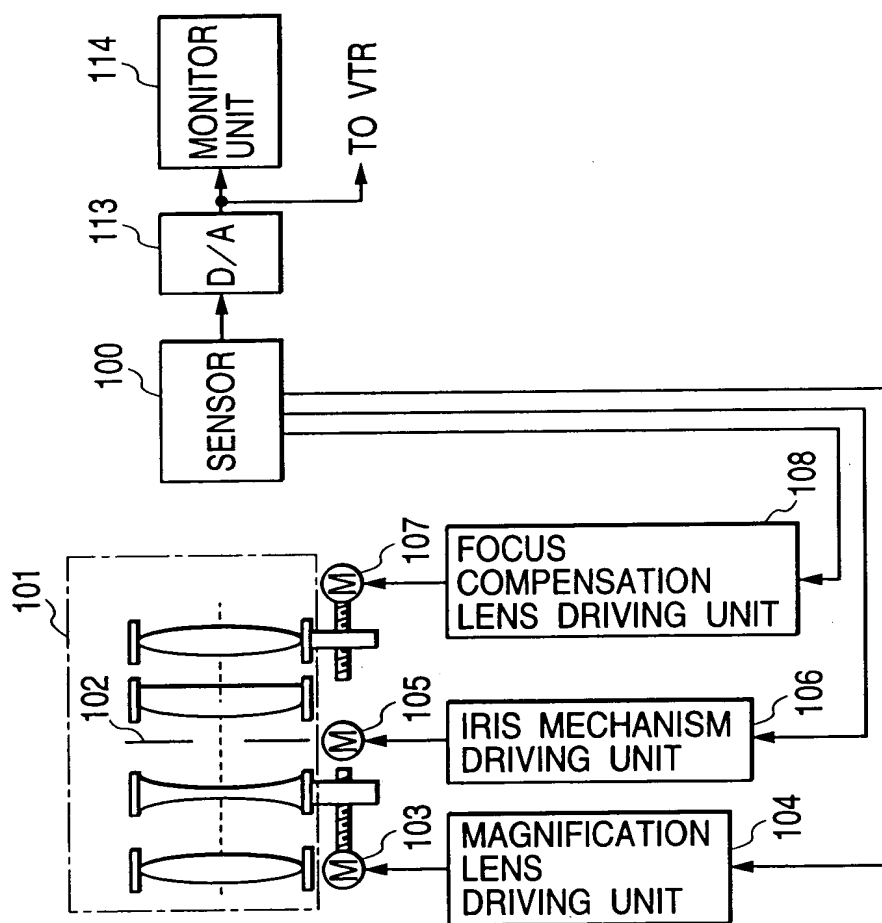


FIG. 18

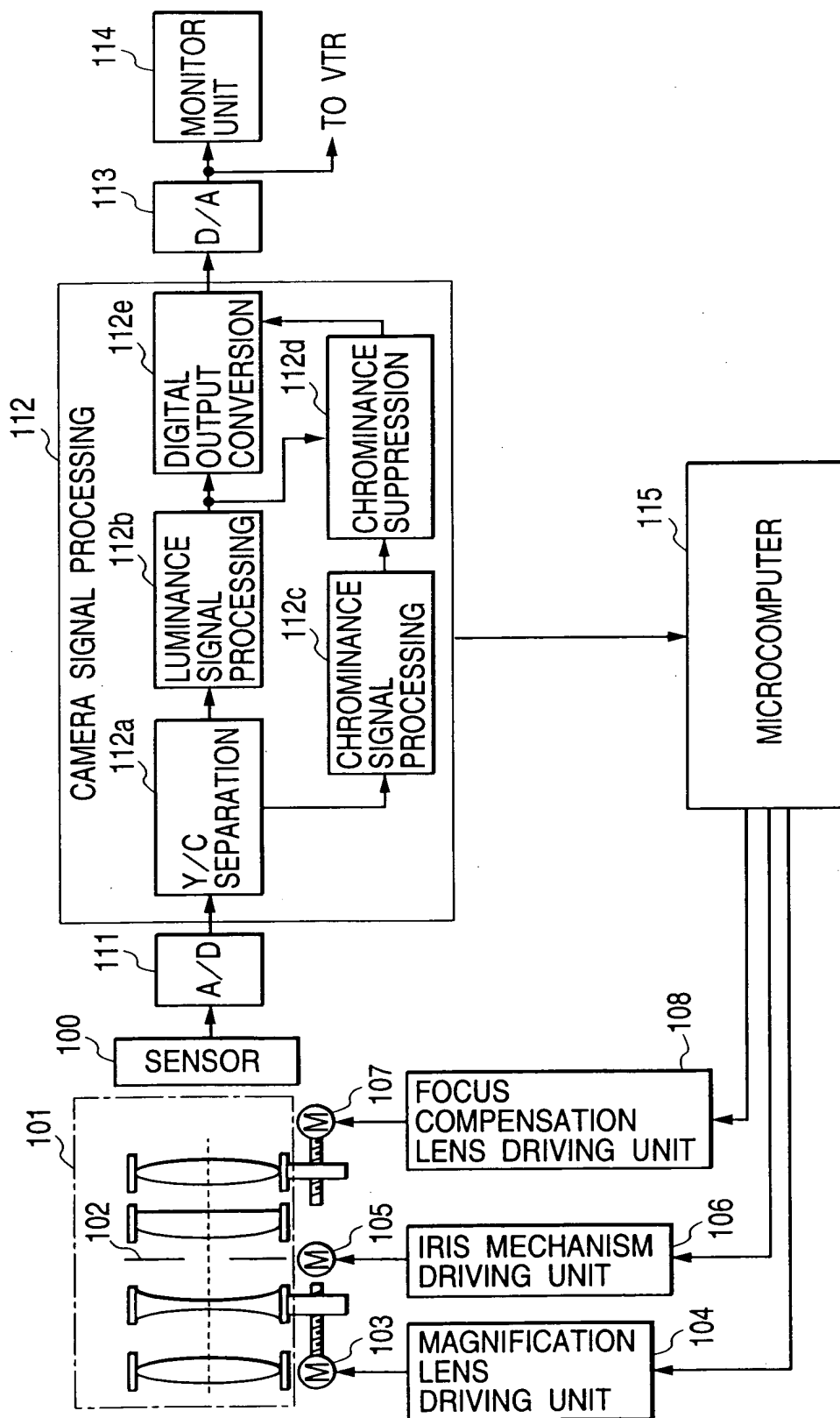


FIG. 19

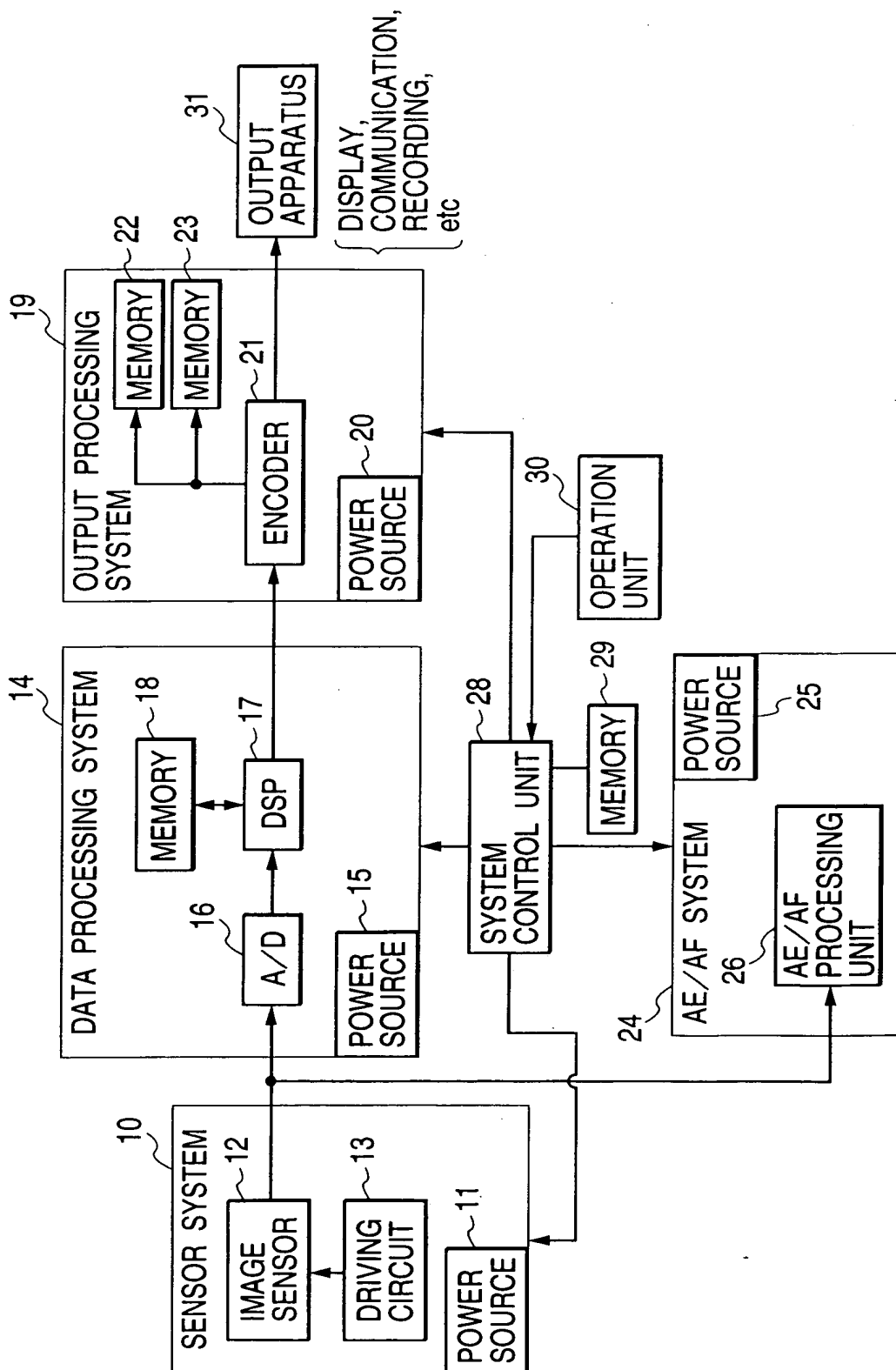


FIG. 20

| OPERATION MODE       | AE/AF SYSTEM | POWER SUPPLY SENSOR SYSTEM | DATA PROCESSING SYSTEM | OUTPUT SYSTEM |
|----------------------|--------------|----------------------------|------------------------|---------------|
| AT AE/AF CALCULATION | ON           | ON                         | OFF                    | OFF           |
| AT IMAGE SENSING     | OFF          | ON                         | ON                     | OFF           |
| AT DATA OUTPUT       | OFF          | OFF                        | OFF (ON)               | ON            |

FIG. 21A

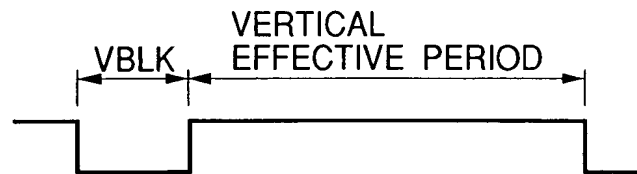


FIG. 21B



FIG. 21C



FIG. 21D

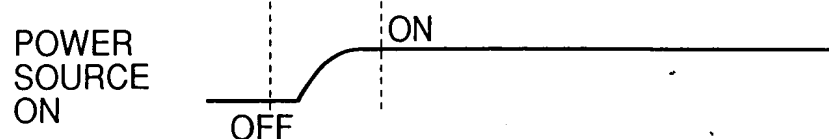


FIG. 22

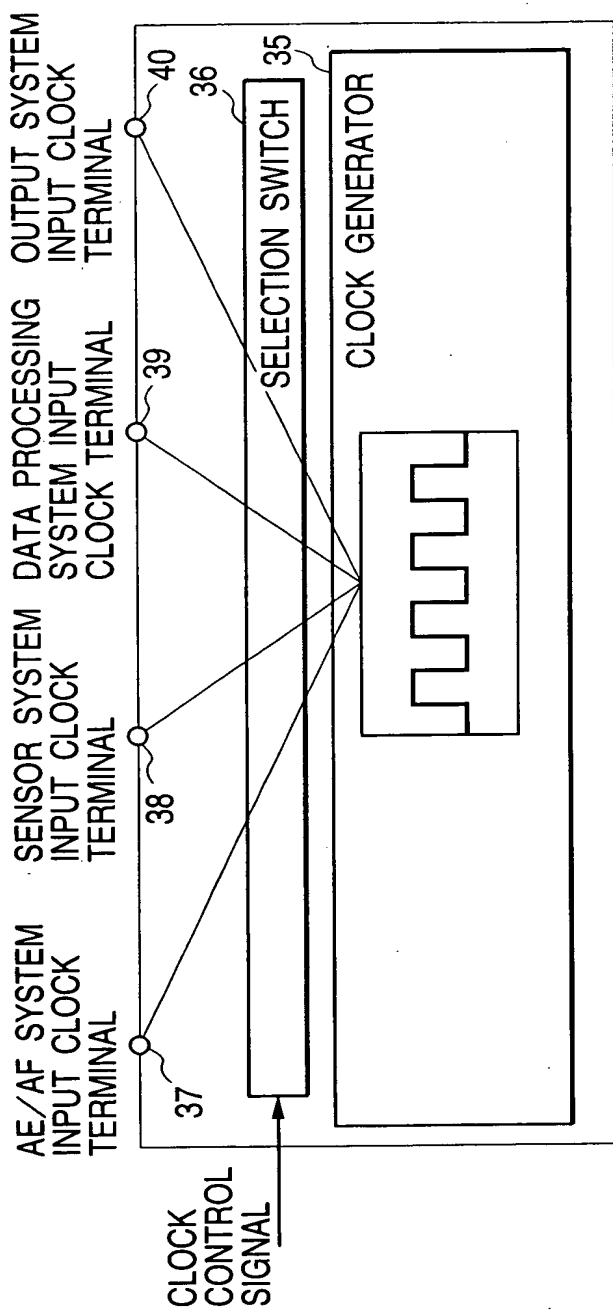
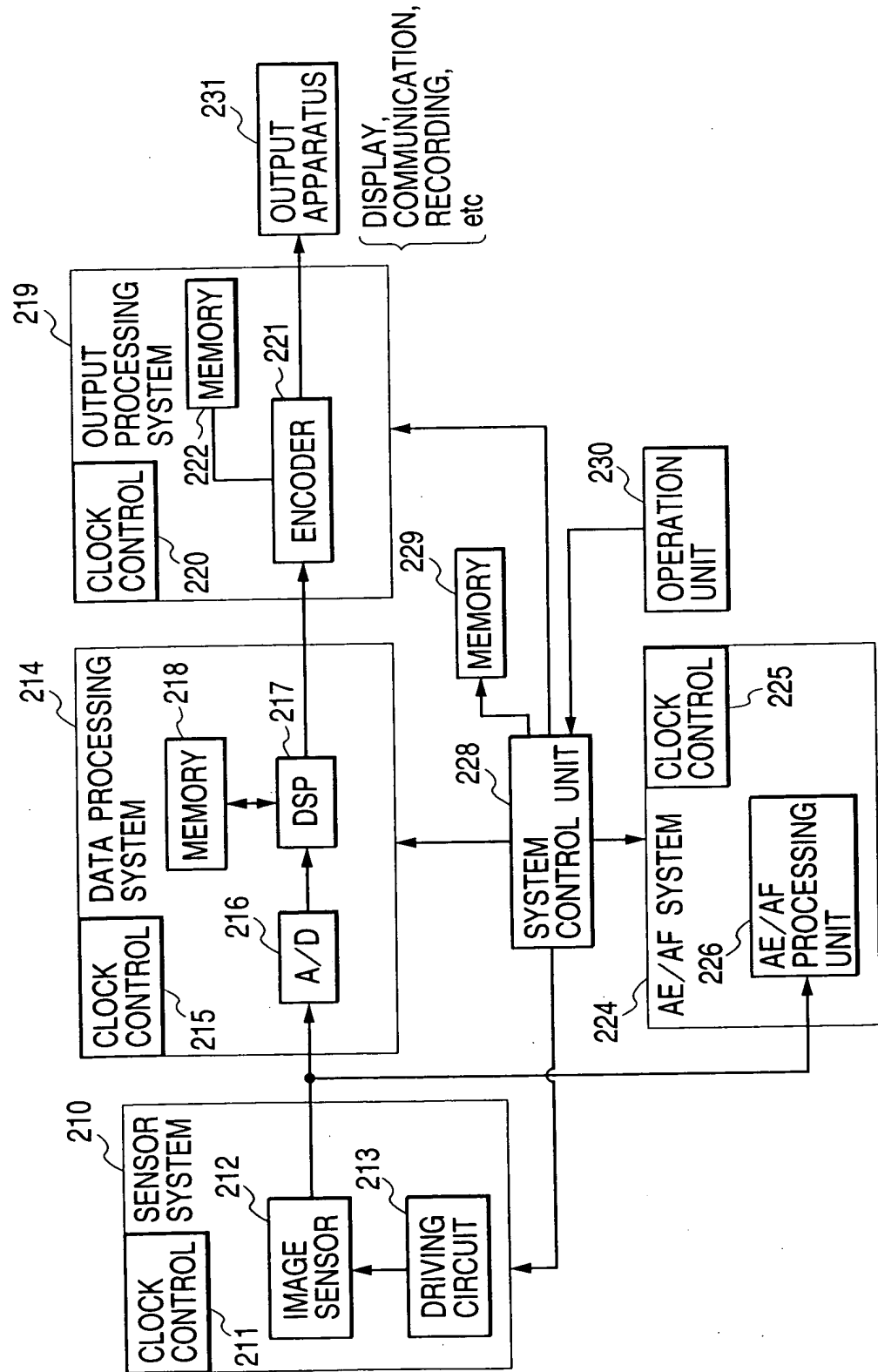
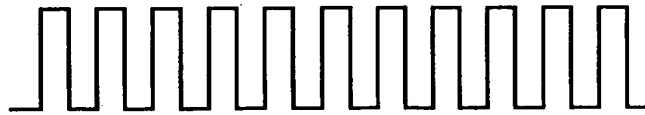
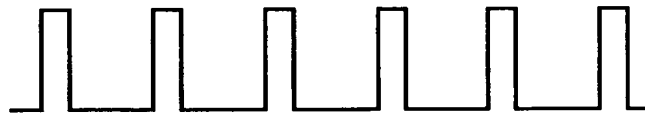




FIG. 23



**FIG. 24A**100%  
OPERATION**FIG. 24B**50%  
OPERATIONCLOCK  
THINNING-  
OUT**FIG. 24C**25%  
OPERATION**FIG. 24D**

50%

CHANGE OF  
DUTY RATIO  
OF CLOCK**FIG. 26**

| OPERATION<br>MODE       | AE/AF<br>SYSTEM | SENSOR<br>SYSTEM | DATA<br>PROCESSING<br>SYSTEM | OUTPUT<br>SYSTEM |
|-------------------------|-----------------|------------------|------------------------------|------------------|
| AT AE/AF<br>CALCULATION | 100%            | 50%              | 25%                          | 25%              |
| AT IMAGE<br>SENSING     | 25%             | 100%             | 100%                         | 25%              |
| AT DATA<br>OUTPUT       | 25%             | 25%              | 50%                          | 100%             |

FIG. 25

